

### NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 07/24/97 are:

- A. \_\_\_\_\_ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.  
 B. \_\_\_\_\_ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p><b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings:  <b>Black ink. Color.</b></p> <p>Color drawing are not acceptable until petition is granted.  <input type="checkbox"/> Fig.(s) _____</p> <p>Pencil and non black ink is not permitted. Fig(s) _____</p> <p><b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)</p> <p>Photographs are not acceptable until petition is granted.  <input type="checkbox"/> 3 full-tone sets are required. Fig(s) _____</p> <p>Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____</p> <p>Poor quality (half-tone). Fig(s) _____</p> <p><b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)</p> <p>Paper not flexible, strong, white and durable.  <input type="checkbox"/> Fig.(s) _____</p> <p>Erasures, alterations, overwritings, interlineations, folds; copy machine marks not acceptable. (too thin)  <input type="checkbox"/> Mylar; vellum paper is not acceptable (too thin).  <input type="checkbox"/> Fig(s) _____</p> <p><b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:  <input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)  <input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  <input type="checkbox"/> All drawings sheets not the same size.  <input type="checkbox"/> Sheet(s) _____</p> <p><b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins:  <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <b>SIZE: A4 Size</b>  <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <b>SIZE: 8 1/2 x 11</b>  <input checked="" type="checkbox"/> Margins not acceptable. Fig(s) <u>113, 2622</u>  <input type="checkbox"/> Top (T) <input checked="" type="checkbox"/> Left (L)  <input type="checkbox"/> Right (R) <input type="checkbox"/> Bottom (B)</p> <p><b>6. VIEWS.</b> 37 CFR 1.84(h)  <b>REMINDER:</b> Specification may require revision to correspond to drawing changes.</p> <p><input checked="" type="checkbox"/> Views connected by projection lines or lead lines. Fig.(s) <u>3A, 3C, 6A, 6C, 1A, 1B, 2A, 2B</u></p> <p><input type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)  <input type="checkbox"/> Brackets needed to show figure as one entity.  <input type="checkbox"/> Fig.(s) _____</p> <p><input type="checkbox"/> Views not labeled separately or properly.  <input type="checkbox"/> Fig.(s) _____</p> <p><input type="checkbox"/> Enlarged view not labeled separately or properly.  <input type="checkbox"/> Fig.(s) _____</p>	<p><b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)</p> <p>Hatching not indicated for sectional portions of an object.  <input type="checkbox"/> Fig.(s) _____</p> <p>Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____</p> <p><b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)</p> <p>Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____</p> <p>Views not on the same plane on drawing sheet. Fig.(s) _____</p> <p><b>9. SCALE.</b> 37 CFR 1.84(k)</p> <p>Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  <input type="checkbox"/> Fig.(s) _____</p> <p><b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)</p> <p>Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black color line quality.  <input type="checkbox"/> Fig.(s) <u>X13, 2622, 1A-22</u></p> <p><b>11. SHADING.</b> 37 CFR 1.84(m)</p> <p>Solid black areas pale. Fig.(s) _____</p> <p>Solid black shading not permitted. Fig.(s) _____</p> <p>Shade lines, pale, rough and blurred. Fig.(s) _____</p> <p><b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b>    37 CFR 1.48(p)</p> <p>Numbers and reference characters not plain and legible.  <input type="checkbox"/> Fig.(s) <u>1A-22</u></p> <p>Figure legends are poor. Fig.(s) _____</p> <p>Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____</p> <p>English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____</p> <p>Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) <u>1A-22</u></p> <p><b>13. LEAD LINES.</b> 37 CFR 1.84(q)</p> <p>Lead lines cross each other. Fig.(s) _____</p> <p>Lead lines missing. Fig.(s) _____</p> <p><b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.48(t)</p> <p>Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____</p> <p><b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)</p> <p>Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____</p> <p><b>16. CORRECTIONS.</b> 37 CFR 1.84(w)</p> <p>Corrections not made from PTO-948 dated _____</p> <p><b>17. DESIGN DRAWINGS.</b> 37 CFR 1.152</p> <p>Surface shading shown not appropriate. Fig.(s) _____</p> <p>Solid black shading not used for color contrast.  <input type="checkbox"/> Fig.(s) _____</p>
<b>COMMENTS</b>	

REVIEWER DanielDATE 03/25/98 TELEPHONE NO. (703) 305-8404ATTACHMENT TO PAPER NO. 5

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